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(71) Applicant *(for all designated States except US)*: NEW TRANSDUCERS LIMITED [GB/GB]; Stonehill, Huntingdon, Cambridgeshire PE18 6ED (GB).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: AZIMA, Henry [CA/GB]; 3 Southacre Close, Chaucer Road, Cambridge CB2 2TT (GB). ROBERTS, Martin [GB/GB]; 17 Home Farm Lane, Bury St. Edmunds, Suffolk IP3 2QJ (GB). JARVIS, Edward [GB/GB]; 5 The Fairway, Wood End, Bluntisham, Cambridgeshire PE17 3LF (GB).

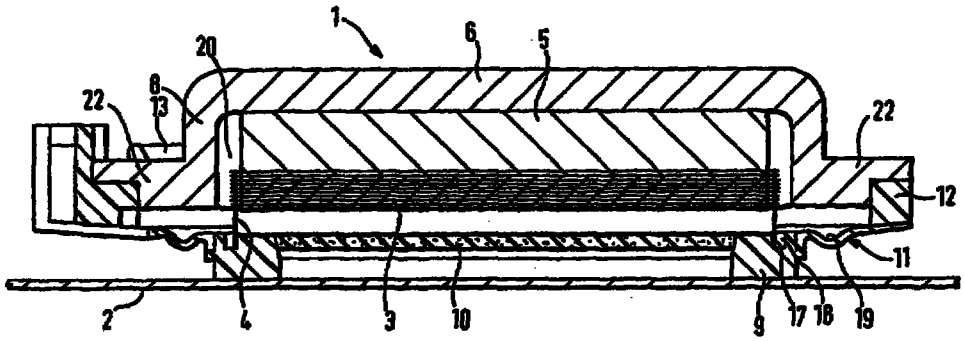
(74) Agent: MAGUIRE BOSS; 5 Crown Street, St. Ives, Cambridgeshire PE17 4EB (GB).

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(54) Title: ELECTRO-DYNAMIC EXCITER



(57) Abstract

An electro-dynamic inertial vibration exciter (1) for exciting a member (2) having capability to sustain and propagate input vibrational energy comprising a motor coil assembly (3, 4) having a coil (3) rigidly fixed to a tubular coil former member (4), a magnet assembly (5, 6, 7) disposed concentrically with respect to the motor coil assembly, and means (11) suspending the magnet assembly for axial movement relative to the motor coil assembly, characterised by a carrier (9) supporting the motor coil assembly (3, 4) and adapted for connection to the member (2) to be excited.